

STATE OF WASHINGTON

STATE BUILDING CODE COUNCIL

Department of Enterprise Services

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Energy Code Technical Advisory Group Meeting Review Notes for May 3, 2013

Agenda Items	TAG Actions	
1. Welcome and Introductions	Meeting called to order at 10:00 am.	
TAG Members Present: Duane Jonlin, Chair; Sakhawat Amin; Dave Baylon; Cliff Burdick; Tom Cross, Kim Drury; Jim Edelson (A); Patrick Hayes; Kristian Kicinski; Javad Maadanian; Chuck Murray; Gary Nordeen; Robby Oylear; Stan Price; Treasa Sweek; Louis Starr (A); Steve Wilcox; 15 Members Present (plus 2 non-voting alternates) Visitors Present: Ray Allshouse, Eric Vander Mey, Mike Kennedy, Hamilton Hazlehurst		
 TAG Members Absent: Duane Bjornson, Jim Degnan, Duane Lewellen, Gary Heikkinen, John Miller, Dan Steinert, Scott Williams 7 Members Absent Staff: Tim Nogler, Krista Braaksma 		
2. Review and Approve Agenda	Louis Starr asked to amend the agenda to include a 5-minute briefing on recent code actions. This item was added to the end of the agenda.	
	Patrick Hayes asked to amend the agenda to discuss whether it was allowable to make changes to a code that has not yet gone into effect. Tim Nogler outlined the adoption process for the Washington State Building Code.	
3. Review 2013 Residential Energy Code Proposals		
13-E01 13-E02 13-E03 (Letter) (Gary Nordeen) WD	Gary Nordeen introduced his amendments and recommended viewing the WSU letter to better understand the change in the DOE baseline for gas furnace efficiency and the difference between the two approaches (E01/E02 [Proposal B in the letter] vs. E03 [Proposal A]). Comments: There was much discussion around calculating the energy savings in changing the base case for the efficiency of gas furnaces. Patrick Hayes felt changing the point values in the table or the required number of points would be problematic. Gary asked if the homebuilders would be comfortable leaving the code as is even though there would be a greater efficiency gain than anticipated between the base case and the high efficiency HVAC option. Patrick stated they would be agreeable. Gary Nordeen withdrew his proposals.	

4. Review 2013 Commercial Energy Code Proposals

13-E04 13-E05 (Cost data) (Eric Vander Mey)

Tabled

Eric Vander Mey and Hamilton Hazlehurst introduced the two proposals. The 25% reduction in the window to wall area glazing in the 2012 IECC drastically affects commercial buildings. The average ratio in Seattle is 42-45%. With the elimination of EnvStd, there needs to be a viable prescriptive path for increased glazing. E04 proposes an adjusted method for calculating the daylit area to more easily reach the 50% requirement. E05 proposes using a lower U-factor for the additional glazing between 30% and 40%. The two proposals address two different building types: daylight for typical office buildings and the U-value change is helpful for all different types of buildings.

Comments: Patrick Hayes expressed concern tying E05 to a visible transmittance requirement and felt the proposals were too complex and confusing overall. It was noted that Seattle will be adopting an amendment similar to E05 with a slightly adjusted U-factor. There was discussion regarding whether this proposal was necessary if the majority of cases were in Seattle. Patrick Hayes suggested just changing the baseline to 40%. Jim Edelson/NBI noted they were supportive of the two proposals but would not support a change to a base of 40% glazing. Other national metro areas seem to be coping with the reduction. Eric Vander Mey stated that no one has tried to use it yet. Treasa Sweek felt the proposed language is somewhat confusing. Kristian Kicinski stated there are other pathways within the code to increase glazing. Chuck Murray stated he was generally in favor of the proposals but was also worried about the achievability of the VT requirement; also, he questioned the effectiveness of daylighting and controls in residential spaces and felt it should be removed from the proposal. Mike Kennedy voiced concerns regarding enforcement with E04, and encouraged a single U-factor be used for E05, removing the entrance door value. Stan Price felt this was more of a policy issue the Council should debate rather than a technical issue for the TAG to look at.

1st motion failed

Kim moved to forward the issue to the Council without a recommendation, stating it was a policy issue rather than a technical issue at this point.

The motion died for lack of a second.

2nd motion failed

Dave Baylon moved to disapprove the proposals. Patrick Hayes seconded the motion.

The motion failed, 3 to 5.

3rd motion was withdrawn

Treasa Sweek moved to approve both, with the following modifications: Remove Group R from E04, Strike "corridors" from the Adjusted Conditioned Space

	definition. Remove "primary and secondary daylight" from 402.3.1.1; On E05, strike entrance door U-factor requirement. Kim Drury seconded the motion. Treasa withdrew her motion, given a lack of consensus on the modifications.
4 th motion failed	Treasa moved to disapprove the proposal based on lack of time to fully consider all technical issues. Patrick Hayes seconded the motion.
	The motion failed, 3 to 5.
5 th motion failed	Patrick Hayes moved to simplify E05 to go to 35% glazing without further modifications to the code. Robby Oylear seconded the motion. It was noted it would be changed in both performance and prescriptive paths.
	The motion failed, 3 to 5
6 th motion passed (to table)	Gary Nordeen moved to convene one additional TAG meeting. Kristian Kicinski seconded the motion.
	The motion passed, 6 to 4
	The TAG determined they would attempt to meet again to discuss the two proposals prior to the June 13/14 SBCC meetings.
5. Errata Procedure	
	The TAG discussed the errors found in the adopted code and the methods in place to fix them. Tim Nogler stated the most expeditious route to address them would be through interpretation.
6. Adjourn	The meeting was adjourned at 1:00 p.m.